

## Curriculum vitae

**EJAZ AHAMED**

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**Carrier Objective** To obtain a challenging and responsible position where my education, skill, hard work, ability and sincerity can be utilized in achieving success and can provide me good career opportunities. I aspire to be a part of dynamic and progressive organization where I can constantly learn and contribute to the growth of the company.

### EDUCATION QUALIFICATION:

Examination	Institution	CGPA/ %	Year of passing
M.Tech- Machine Design	National Institute of Engineering, Mysuru, Karnataka.	8.99/10	2017
B.E Mechanical	NMIT, Bengaluru, Karnataka.	7.72/10	2014
12th	BEST, Bellary, Karnataka.	68.66%	2010
10th	St. Ann's High School, Raichur, Karnataka.	64.80%	2008

### PROJECT DETAILS:

<b>M.Tech Project</b>	<b>"Condition Monitoring of Cutting Tool using Artificial Neural Network".</b> Automation in machining process becomes crucial in successfully maintaining high quality production at low cost. Most of the machining operations in industry are automated. In automated machining process the tool condition and the cutting parameters affect the quality of product. This work aims at monitoring vibration of tool and feeding it as input to ANN for predicting the cutting parameters. This will help in reducing the production time by not interrupting the operation which is desired in most of the industries.
<b>BE Project</b>	<b>"Electromagnetic Breaking System for Two Wheeler".</b> An electromagnetic breaking system has been developed to improve the accurate breaking of the vehicle. System will reduce the chances of reaching high temp during breaking. Break shoes have been operated by an electromagnetic switch which keeps the shoe away from the drum during closed position which will reduce friction. Electromagnetic switch acts at a point where the vehicle is at the end of its deacceleration is to have a perfect braking without slip in the brake shoe. This system also serves as hand brake during the vehicle is in stop condition.
<b>Internship</b>	<b>YUKEN INDIA LIMITED (YIL), Whitefield, Bengaluru.</b> <ul style="list-style-type: none"><li>• Learnt Fundamentals of Motor Design and Hydraulics</li><li>• Learnt the Manufacturing process of Hydraulics and its Assembly</li><li>• Learnt the layout preparation for the plant</li></ul> <b>JSW Steel, Bellary.</b> <ul style="list-style-type: none"><li>• Learnt basics about Manufacturing processes</li></ul>

	<ul style="list-style-type: none"> <li>• Learnt working of various departments in the industry</li> </ul>
<b>Technical Skills</b>	<ul style="list-style-type: none"> <li>• CATIA V5</li> <li>• AUTOCAD</li> <li>• SOLID WORKS</li> <li>• MATLAB</li> <li>• LABVIEW</li> <li>• ANN</li> </ul>
<b>Paper Presentation</b>	<p>Presented technical papers in National Conference on Mechanical Material and Manufacturing Engineering (NCMMME-16) at NIE Mysuru entitled,</p> <ul style="list-style-type: none"> <li>• “Fabrication and Testing of Open Pore Aluminium Foam Heat Exchanger”</li> <li>• “Investigation of effect of filler materials in hybrid fibre composite”.</li> </ul> <p>National Conference on Sustainable Engineering and Management” at The Oxford College of Engineering, Bengaluru</p> <ul style="list-style-type: none"> <li>• “Tool Condition Monitoring in Machining using Artificial Neural Network”</li> </ul>
<b>Publication</b>	<ul style="list-style-type: none"> <li>• <b>“Prediction of Cutting Parameters of Machine Tool by Monitoring Tool Vibration &amp; Cutting Forces Using ANN”</b>. Submission code-IJMR-7346[International Journal of Manufacturing Process].</li> <li>• <b>“Experimental Investigation on free vibration of beams”</b>. Manuscript ID-JTE-2017-0568.</li> </ul>

<b>Personal Details</b>	<p><b>Name</b> : Ejaz Ahamed</p> <p><b>Father’s Name</b> : Khaja Sab</p> <p><b>Mother’s Name</b> : Khaja Begum</p> <p><b>Birth Date</b> : 25-08-1992.</p> <p><b>Gender</b> : Male</p> <p><b>Marital Status</b> : Single</p> <p><b>Nationality</b> : Indian.</p> <p><b>Known language</b> : English, Kannada, Hindi, Urdu and Telugu</p> <p><b>Hobbies</b> : Reading, Teaching, Cricket &amp; Listening to Music</p>
<b>LinkedIn</b>	<a href="http://www.linkedin.com/in/ejaz-ahamed-021073a7">www.linkedin.com/in/ejaz-ahamed-021073a7</a>
<b>Declaration</b>	I hereby declare that the above mentioned information is true to the best of my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

Ejaz Ahamed